CX623 (MS-168A) Disassemble Guide

- 1、BATTERY PACK
- 2、BOTTOM DOOR ASSY
- 3、HDD MODULE
- 4、ODD MODULE
- 5、THERMAL-KIT、CPU、DRAM AND WLAN MODULE
- 6、SEPARATE UPPER CASE AND LOWER CASE
- 7、LOWER CASE ASSY
- 8、UPPER CASE ASSY
- 9、LCD MODULE ASSY

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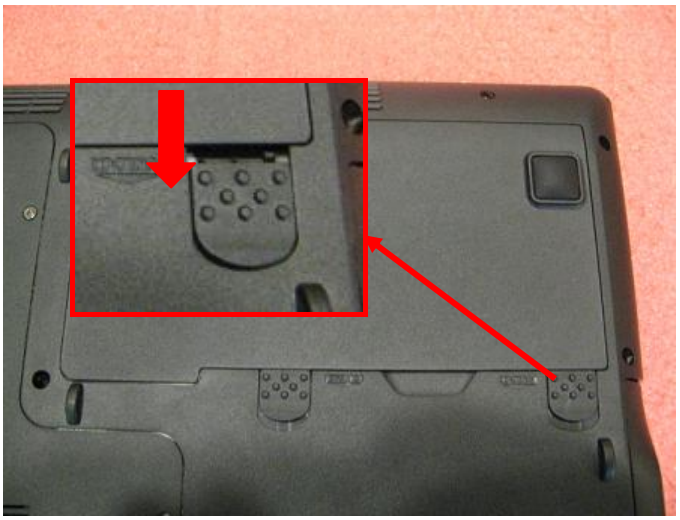
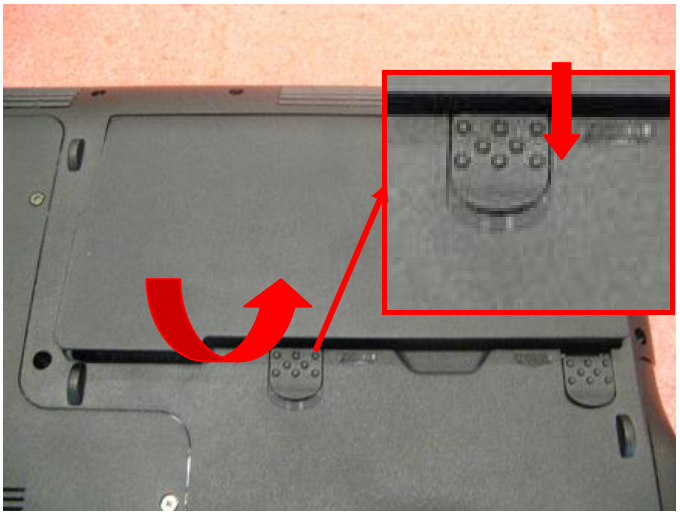
1、BATTERY PACK



1.1：Move the “Unlock’ button base on left picture shows.



1.2：Release the “Release” button and move the battery pack base on left picture.

Component	P/N	Qty
Battery Pack	S9N-2062200-CE1	1

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2、BOTTOM DOOR ASSY

2.1： Remove the 4 screws (M2.5*5mm), then remove the Bottom door.

Attention: the screw driver touque is: 1.5-2.0Kgf-cm

Component	P/N	Qty
Bottom door	307-681J213-Y31	1
Screw	E43-1255001-G68	4

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3、HDD MODULE

3.1：Remove the 2 screws (M2.5*5mm).

Attention: the screw driver torque: 1.5-2.0Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	2

3.2：Remove the HDD Module according to the direction as pic shows.

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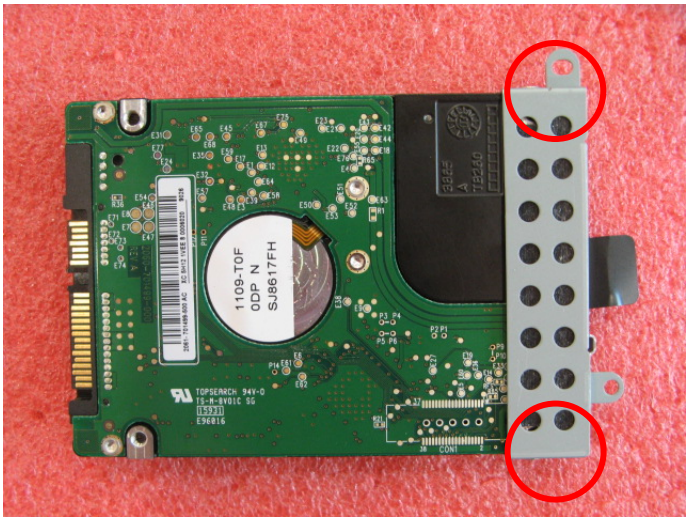
3、HDD MODULE



3.3： Remove the 2 screws (M3*3.5mm) that stabilize the bracket.

Attention: the screw driver torque is 3.0-3.5Kgf-cm

Component	P/N	Qty
Screw	E43-1303501-G68	2

3.4：Remove the HDD bracket.

Component	P/N	Qty
HDD Bracket	307-6810111-A89	1
HDD Module	S71-2425544-T14	1

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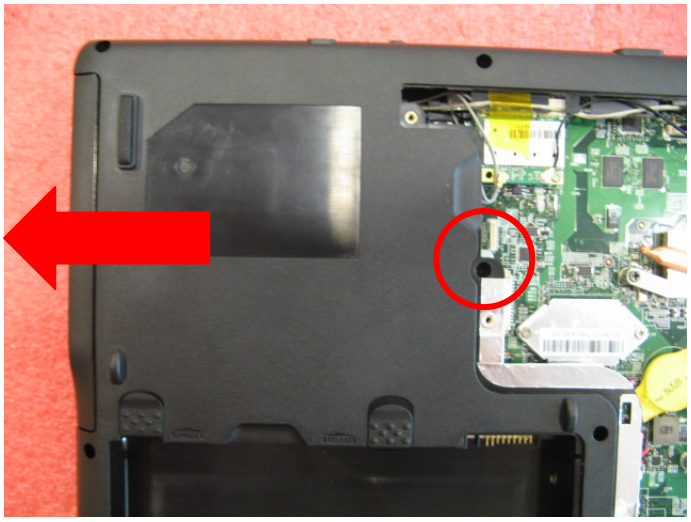
4、ODD MODULE



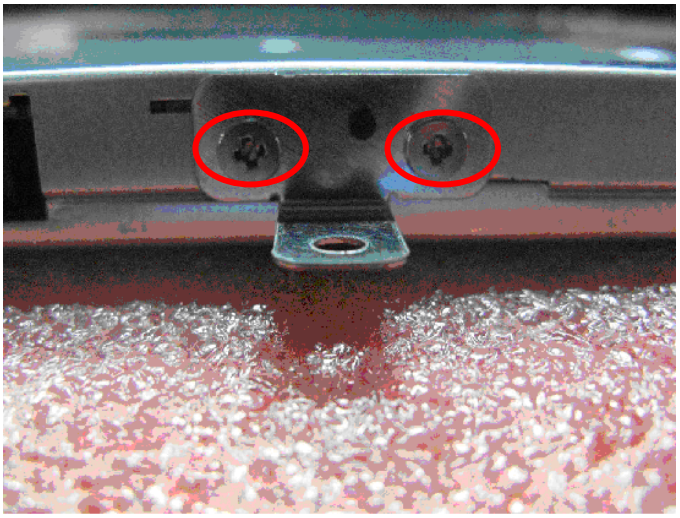
4.1：Remove the 1 screw (M2.5*5mm). Remove the ODD Module according to the direction as pic shows.

Attention: the screw driver torque: 1.5-2.0Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	1

4.2：Remove ODD Bezel as below.

Component	P/N	Qty
ODD Bezel	E2P-681F211-Y31	1



4.3：Remove 2pcs (M2*3mm) Screws Then remove ODD Bracket as below.

Attention: the screw driver torque: 1.5-2.0Kgf-cm

Component	P/N	Qty
Screw	E43-1203003-G68	2
ODD Bracket	E2M-6813011-A89	1
ODD Module	S7D-2270031-H44	1

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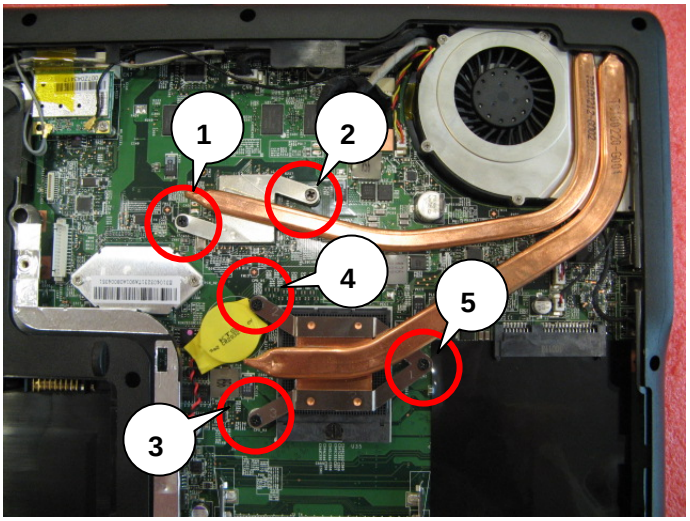
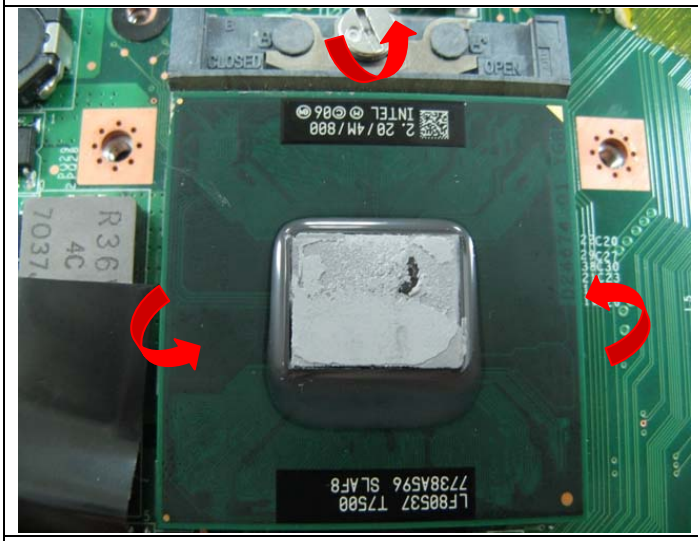
5、THERMAL-KIT、CPU、DRAM AND WLAN MODULE



5.1：Remove the 5 screws(M2.5*5mm) and FAN cable, after that remove the Fansink.

Attention：the screw driver torque is 2.2-2.8Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	5
Fansink	E32-0800562-TA9	1



5.2：Open the CPU Slot with Screw Driver, then remove CPU Module as below.

Component	P/N	Qty
CPU	A13-2120106-I06	1

5.3：Push the two side shielding of RAM as pic Shows.

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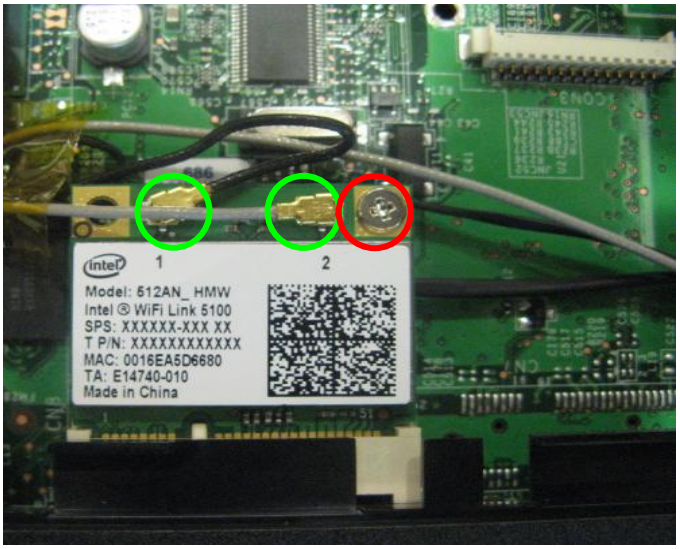
5、THERMAL-KIT、CPU、DRAM AND WLAN MODULE

5.4：Then remove the RAM module according the direction as pic shows.

Component	P/N	Qty
RAM Module	S7C-S458201-H23	1



5.5：Remove one screw (M2*3mm); then remove the two side wireless card antenna as pic shows.

Attention: the screw driver torque is: 1.5-2.0Kgf-cm

Component	P/N	Qty
Screw	E43-1203003-G68	1

5.6：Remove the WLAN module according to the direction of pic shows.

Component	P/N	Qty
WLAN Module	S57-0800290-T46	1

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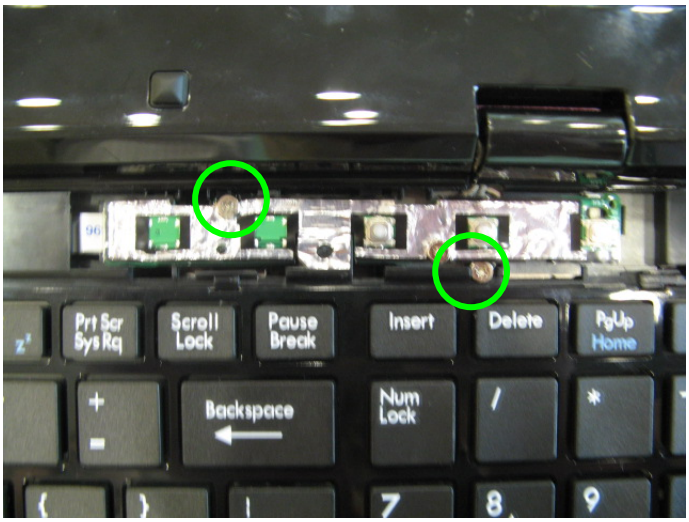
6、SEPARATE UPPER CASE AND LOWER CASE

6.1：Before remove K/B, firstly remove the Hinge Cover.

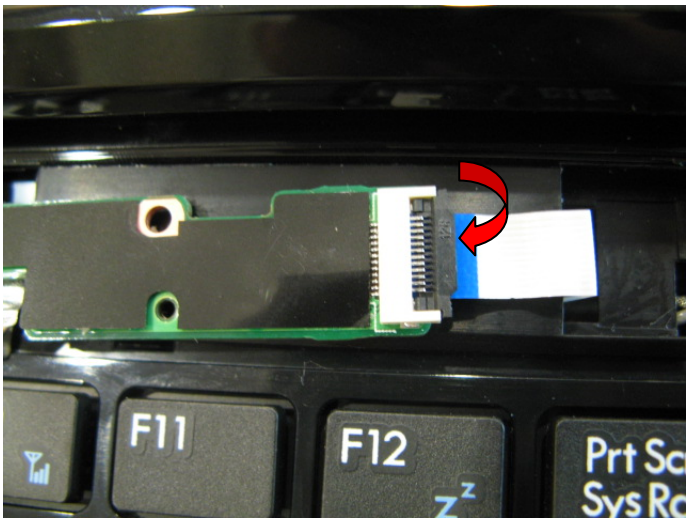
Component	P/N	Qty
Hinge Cover	307-684E224-P89	1



6.2：Remove the 2 screws (M2*3mm).

Attention: the screw driver torque is: 1.5-2.0Kgf-cm

Component	P/N	Qty
Launch board	607-168AB-01S	1
Screw	E43-1203003-G68	2

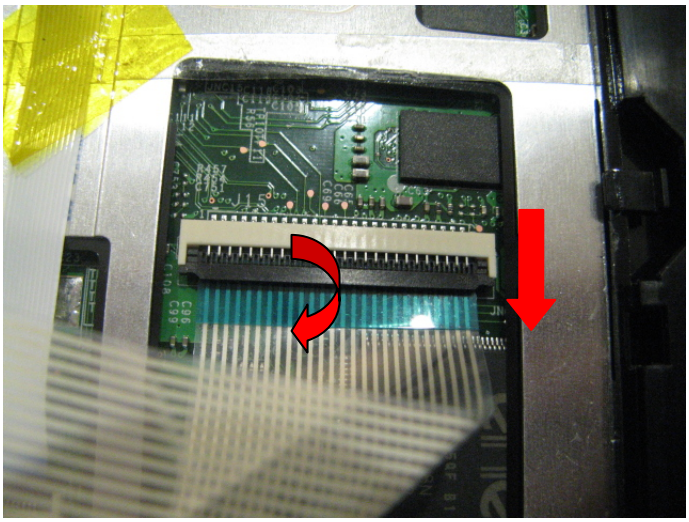


6.3：First release the connector that stabilize the cable, then remove Launch board according to the direction that pic shows.

CX623（MS-168A）Disassemble Guide

6、SEPARATE UPPER CASE AND LOWER CASE

6.4：Remove the keyboard.



6.5： Firstly push connector according to the direction as pic shows; then remove the cable.

Component	P/N	Qty
Keyboard	S1N-3EUS231-SA0	1

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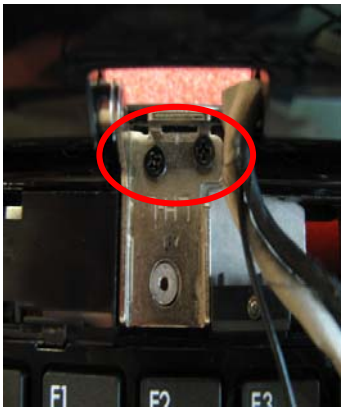
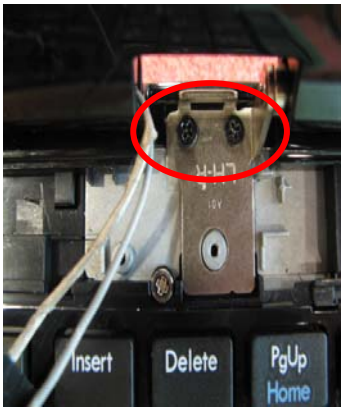
6、SEPARATE UPPER CASE AND LOWER CASE

6.6：Remove the 2 screws (M2*3mm) that stabilize the hinge Cap.

Attention: the screw driver torque is 1.2-1.5Kgf-cm

Component	P/N	Qty
Screw	E43-1203003-G68	2





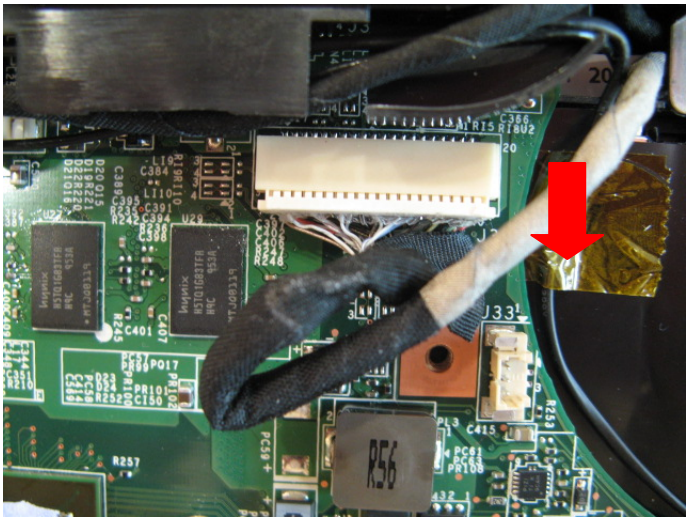
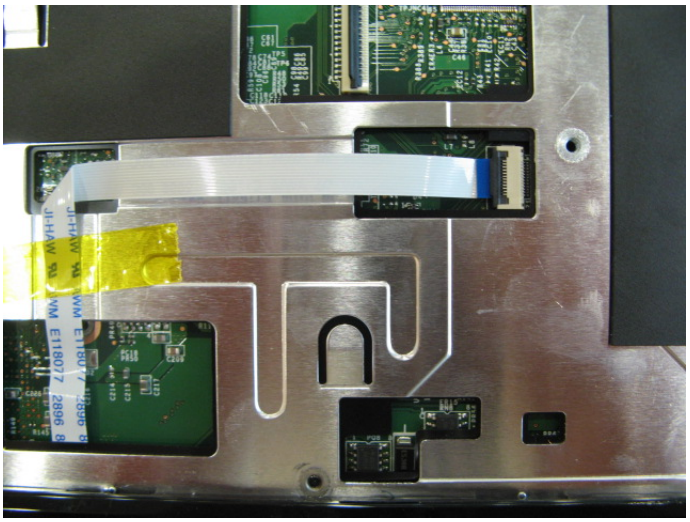
6.7： Remove the 4 screws(M2.5*5mm) that stabilize the hinge

Attention: the screw driver torque is 3.0-3.5Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	4

CX623（MS-168A）Disassemble Guide

6、SEPARATE UPPER CASE AND LOWER CASE

	6.8：Remove the LVDS cable as pic shows.
	6.9：Remove the Touchpad cable.

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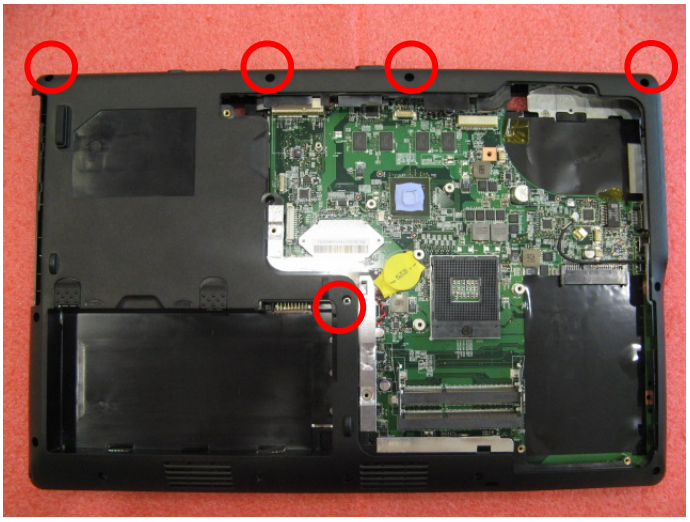
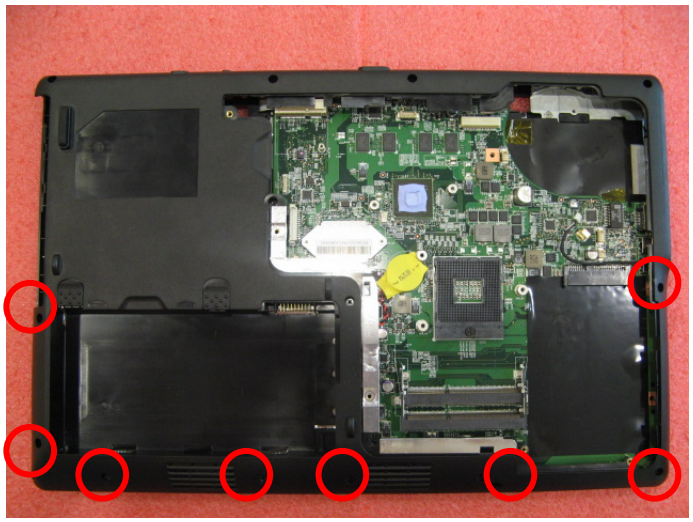
6、SEPARATE UPPER CASE AND LOWER CASE



6.10：Remove 5 screws (M2.5*5mm).

Attention: the screw driver torque is 2.0-2.5Kgf-cm

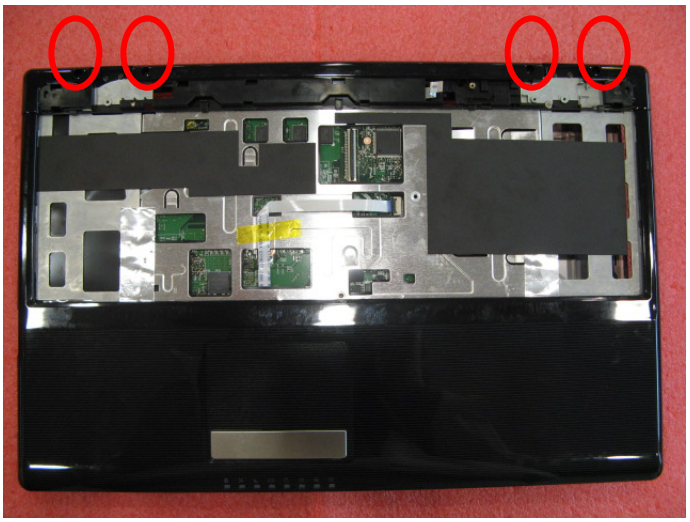
Component	P/N	Qty
Screw	E43-1255001-G68	5



6.11：Remove 8 screws(M2.5*5mm).

Attention: the screw driver torque is 2.0-2.5Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	8



6.12：Remove the 4 screws (M2.5*5mm).

Attention: the screw driver torque is 2.0-2.5Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	4

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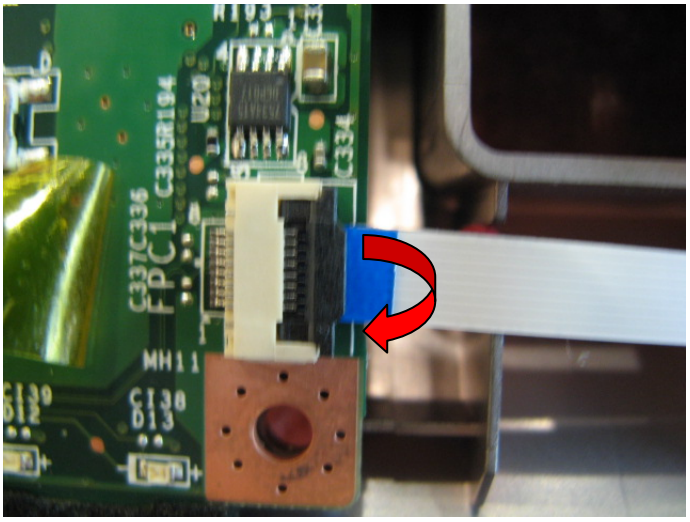
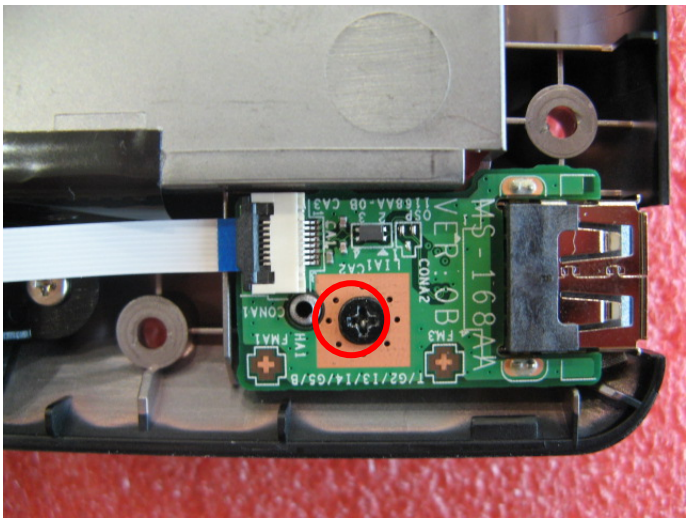
7、LOWER CASE ASSY



7.1：Remove the USB board cable as left pic Shows.

Component	P/N	Qty
USB board FPC	K1C-1012039-J36	1



7.2：Remove the 1screw (M2.5*5mm).

Attention: the screw driver torque is 2.0-2.5Kgf-cm

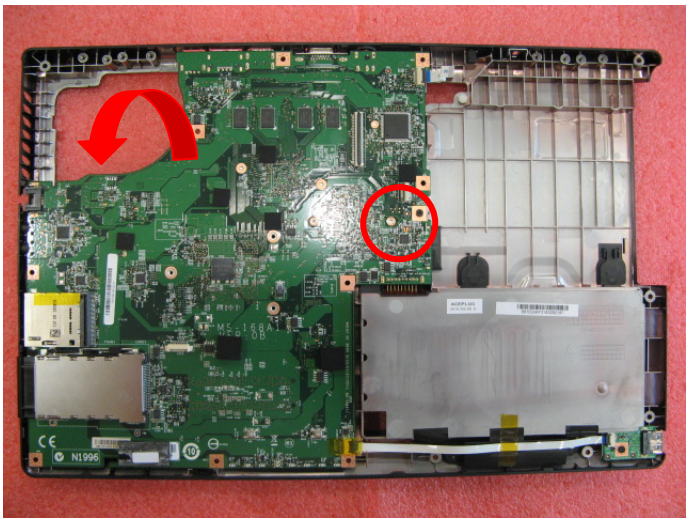
Component	P/N	Qty
USB board	607-168AA-01S	1
Screw	E43-1255001-G68	1

CX623（MS-168A）Disassemble Guide

7、LOWER CASE ASSY

7.3：Remove the B/T module.

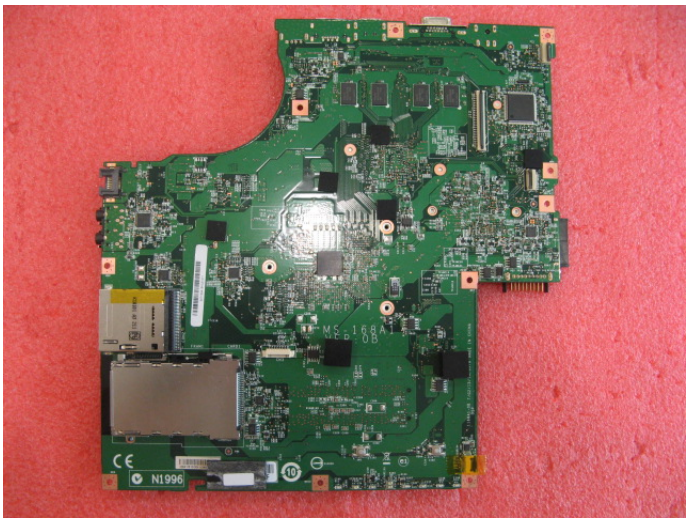
Component	P/N	Qty
Bluetooth Module	605-3801-010	1



7.4：Remove the 1screw (M2.5*5mm).

Attention: the screw driver torque is 2.0-2.5Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	1



7.5：Remove the main board from Lower case.

Component	P/N	Qty
Main Board	607-168A1-01S	1

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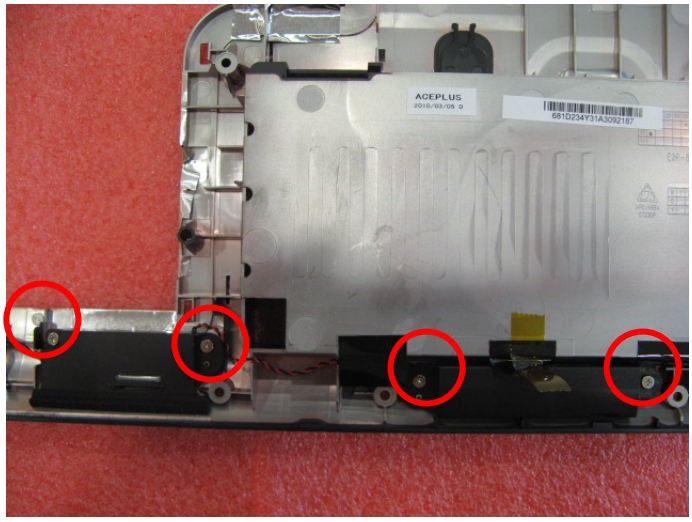
7、LOWER CASE ASSY



7.6：Remove the 4 screws (M2*3mm), then remove the Speaker module from lower case.

Attention: the screw driver torque is 1.5-2.0Kgf-cm

Component	P/N	Qty
Screw	E43-1203003-G68	4
Speaker Module	S33-A020310-F33	1
Lower Case	307-681D236-Y31	1

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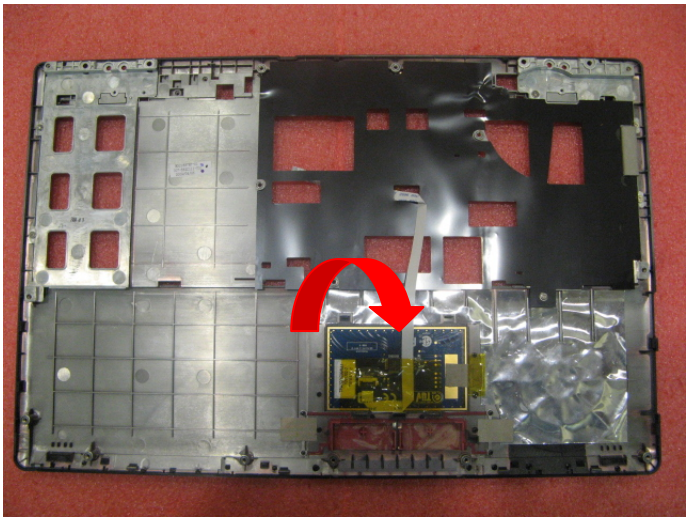
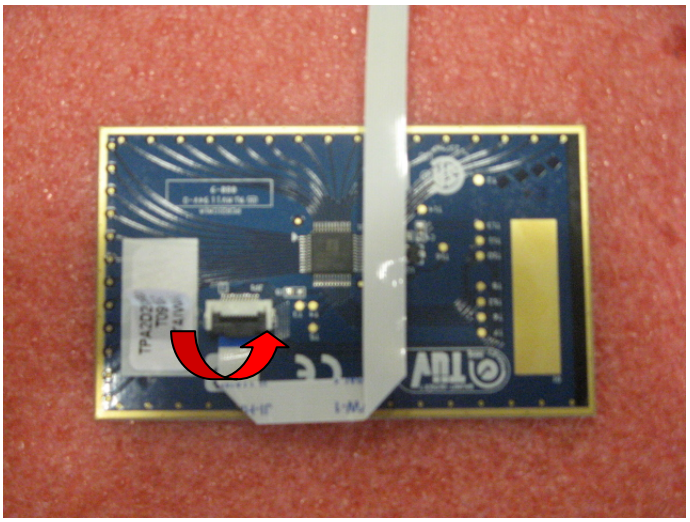
8、UPPER CASE ASSY



8.1：Remove the T/P module,

Component	P/N	Qty
Touchpad Module	S78-3700360-SK9	1
Upper Case	307-683C612-Y31	1

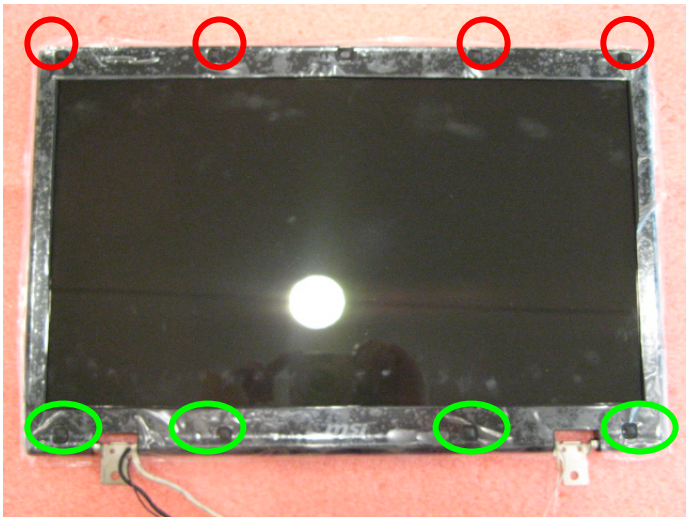


8.2：Release the connector that stabilize the T/P cable, then remove the T/P module FFC according to direction of left pic shows.

Component	P/N	Qty
FFC Cable (To MB)	K1C-1012040-J36	1

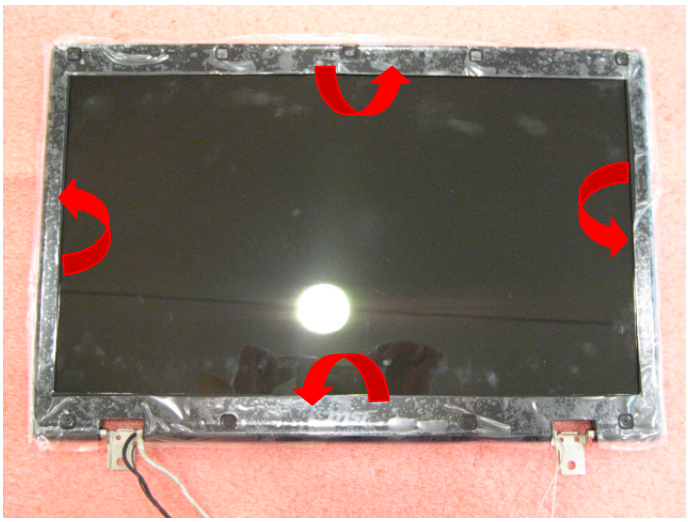
CX623（MS-168A）Disassemble Guide

9、 LCD MODULE ASSY



9.1：Remove the 8 cover rubber.

Component	P/N	Qty
UP Rubber	E2Y-6810111-Y40	4
DOWN Rubber	E2Y-6831111-Y40	4



9.2： Remove the 4screw (M2.5*5mm). When removing the LCD bezel, should begin from the two sides, then the upside to downside.

Attention: the screw driver torque is 2.0-2.5Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	4
LCD Bezel	307-684B212-U22	1

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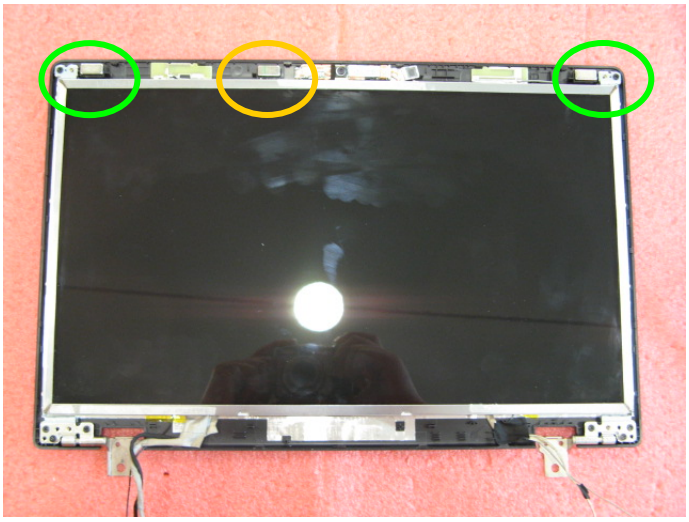
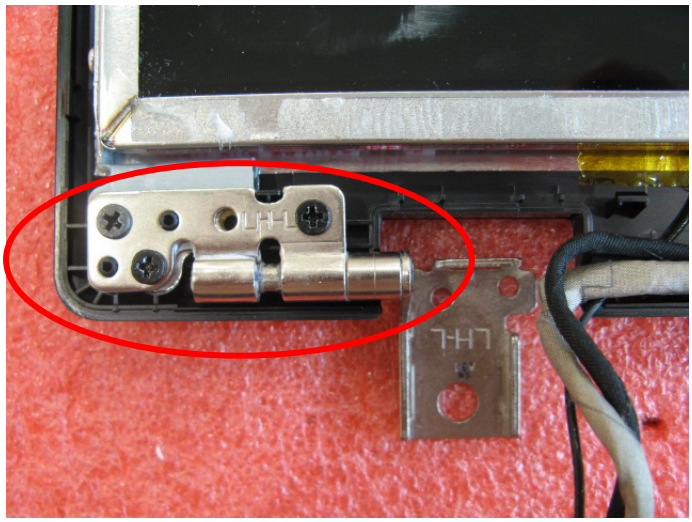
9、 LCD MODULE ASSY



9.3：Remove the 3 magnet on LCD cover.

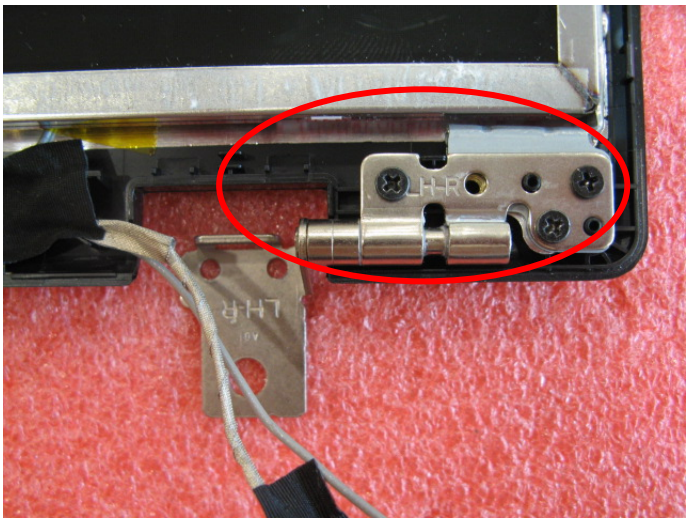
Component	P/N	Qty
LCD Cover Magnet	E2Y-2210512-SF7	2
LCD Cover Magnet	E2Y-6710411-SF7	1



9.4：Remove the 3 screws (M2.5*5mm); then remove the left LCD hinge.

Attention: the screw driver torque is 2.5-3.0Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	3
Hinge L	E2M-6810512-G60	1



9.5：Remove the 3 screws (M2.5*5mm); then remove the right LCD hinge.

Attention: the screw driver torque is 2.5-3.0Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	3
Hinge R	E2M-6810412-G60	1

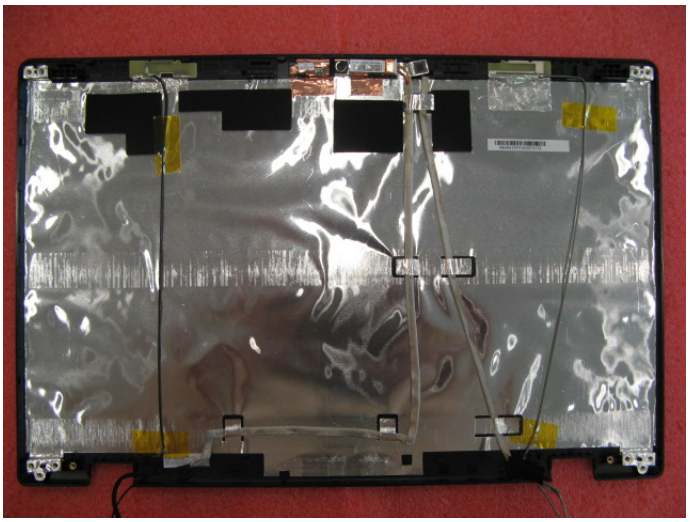
CX623（MS-168A）Disassemble Guide

9、 LCD MODULE ASSY

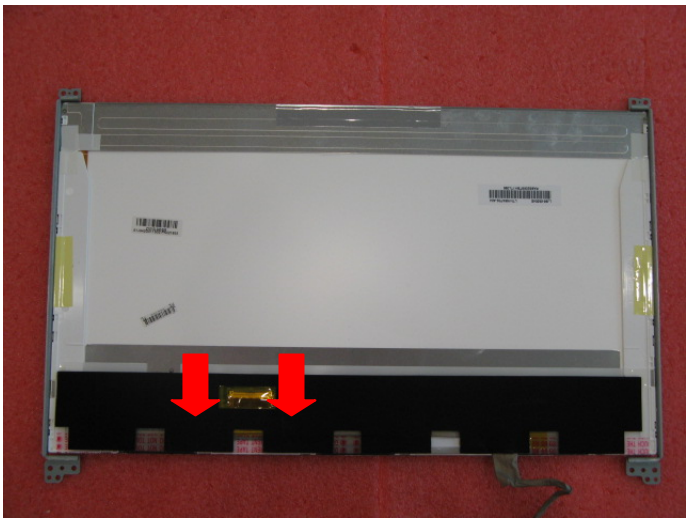
9.6：Remove the 2 screws (M2.5*5mm).

Attention: the screw driver torque is 2.5-3.0Kgf-cm

Component	P/N	Qty
Screw	E43-1255001-G68	2



9.7：Remove the display module from LCD cover.



9.8：Remove the LVDS cable from display module.

Component	P/N	Qty
LVDS Cable	K19-3025004-V03	1

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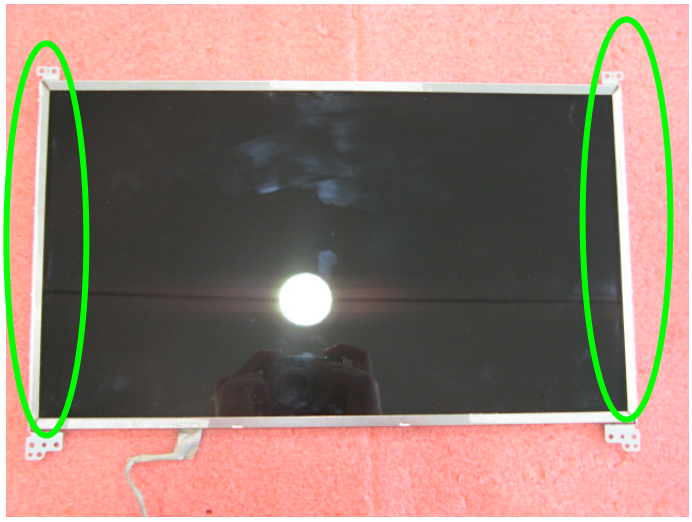
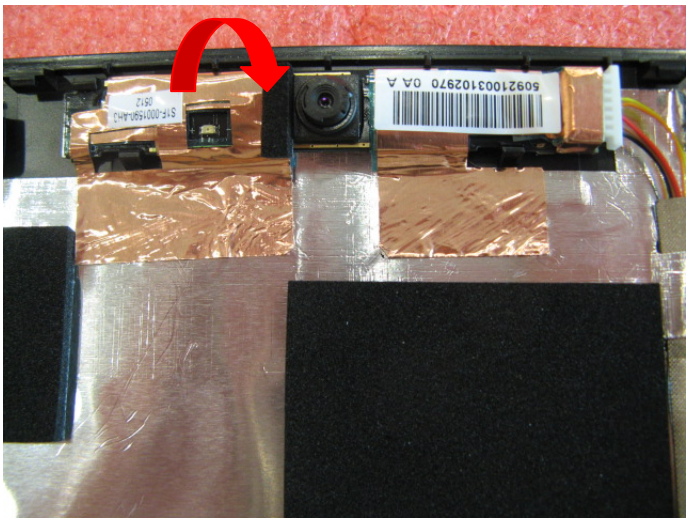
9、 LCD MODULE ASSY



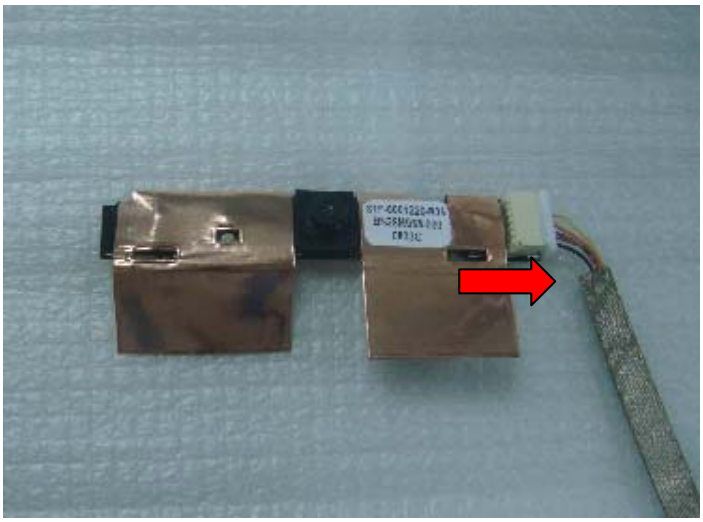
9.9：Remove the 8 screws (M2*3mm).

Attention: the screw driver torque is 1.5-2.0Kgf-cm

Component	P/N	Qty
Display Module	S1J-642G011-S02	1
LCD BRACKET-L	E2M-6820411-A89	1
LCD BRACKET-R	E2M-6820311-A89	1
Screw	E43-1203003-G68	8



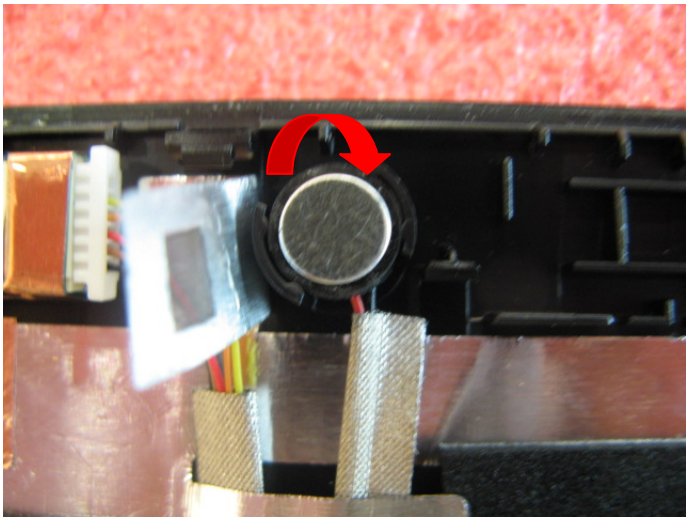
9.10：Remove the CMOS camera module according to the sequence as pic shows.



9.11：Remove the coaxial cable(Camera Cable).

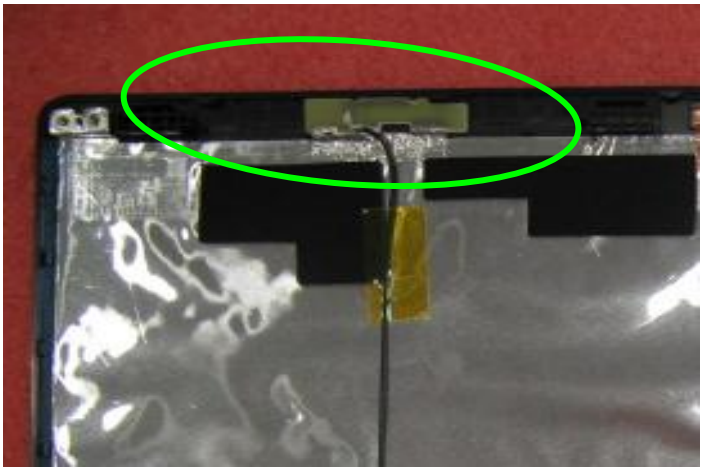
Component	P/N	Qty
INT Coaxial Cable	K10-3006073-H39	1
Camera Module	S1F-0001590-AH3	1

9、 LCD MODULE ASSY



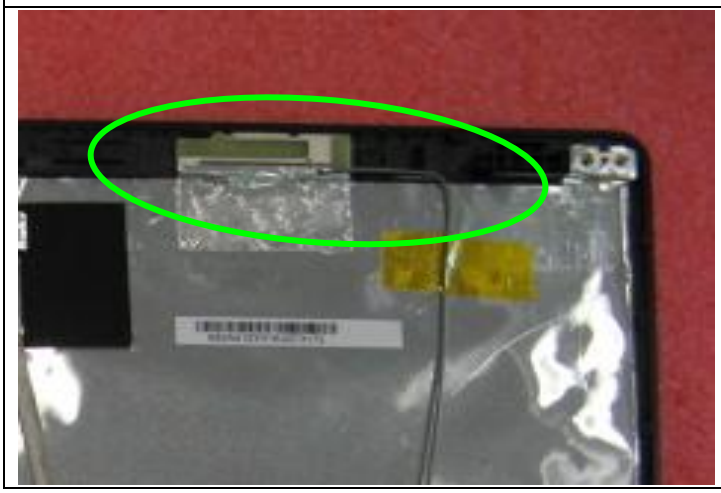
9.12: Remove the MIC Module as left picture show.

Component	P/N	Qty
MIC Module	S34-2100911-K03	1



9.13：Remove the WIRELESS L-Antenna board from LCD Cover.

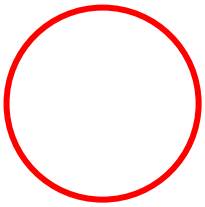
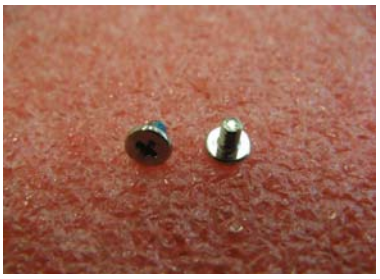
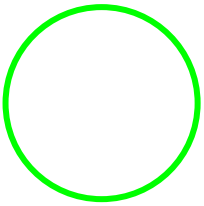
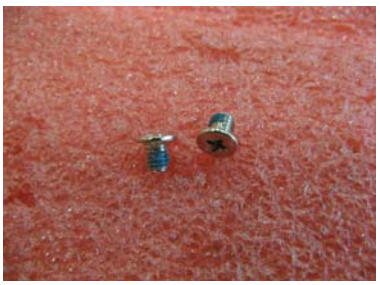
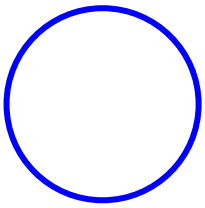
Component	P/N	Qty
L-Antenna	S79-1800K80-J51	1



9.14：Remove the WIRELESS R-Antenna board from LCD Cover.

Component	P/N	Qty
R-Antenna	S79-1800K70-J51	1
LCD Cover	307-682A812-Y31	1

CX623（MS-168A）screws specification

Photo	Screw specification	Label
	(M2.5*L5MM)black	
	(M2*L3MM)white	
	(M3*L3.5MM) white	

CX623（MS-168A）screws specification

■ 1、BOTTOM DOOR ASSY total 18pcs screws

■ specification：

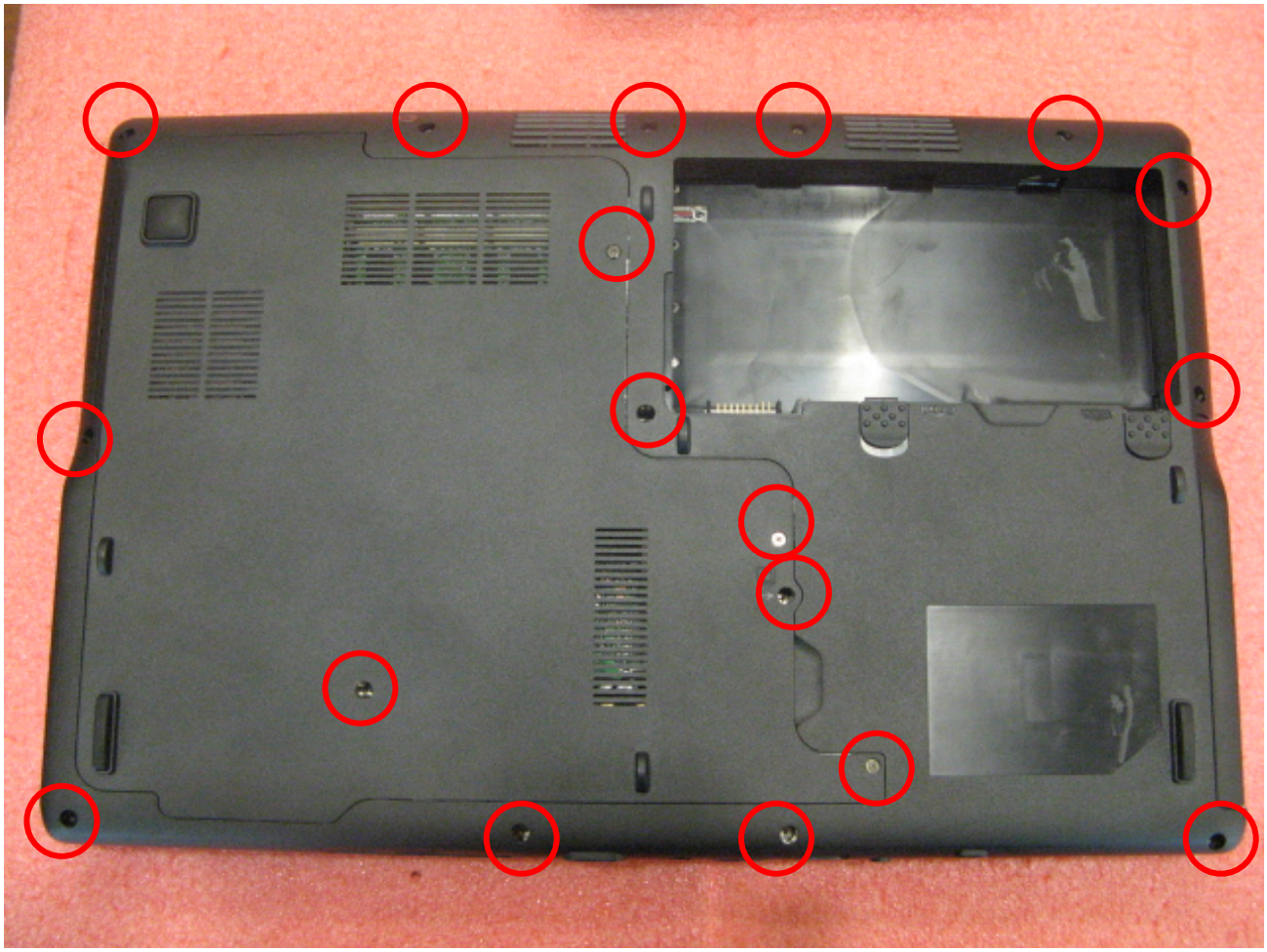
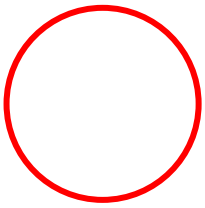


Photo	Screw specification	label
	(M2.5*L5MM) black	

CX623（MS-168A）screws specification

■ 2、THERMAL-KIT 5pcs screws

■ specification：

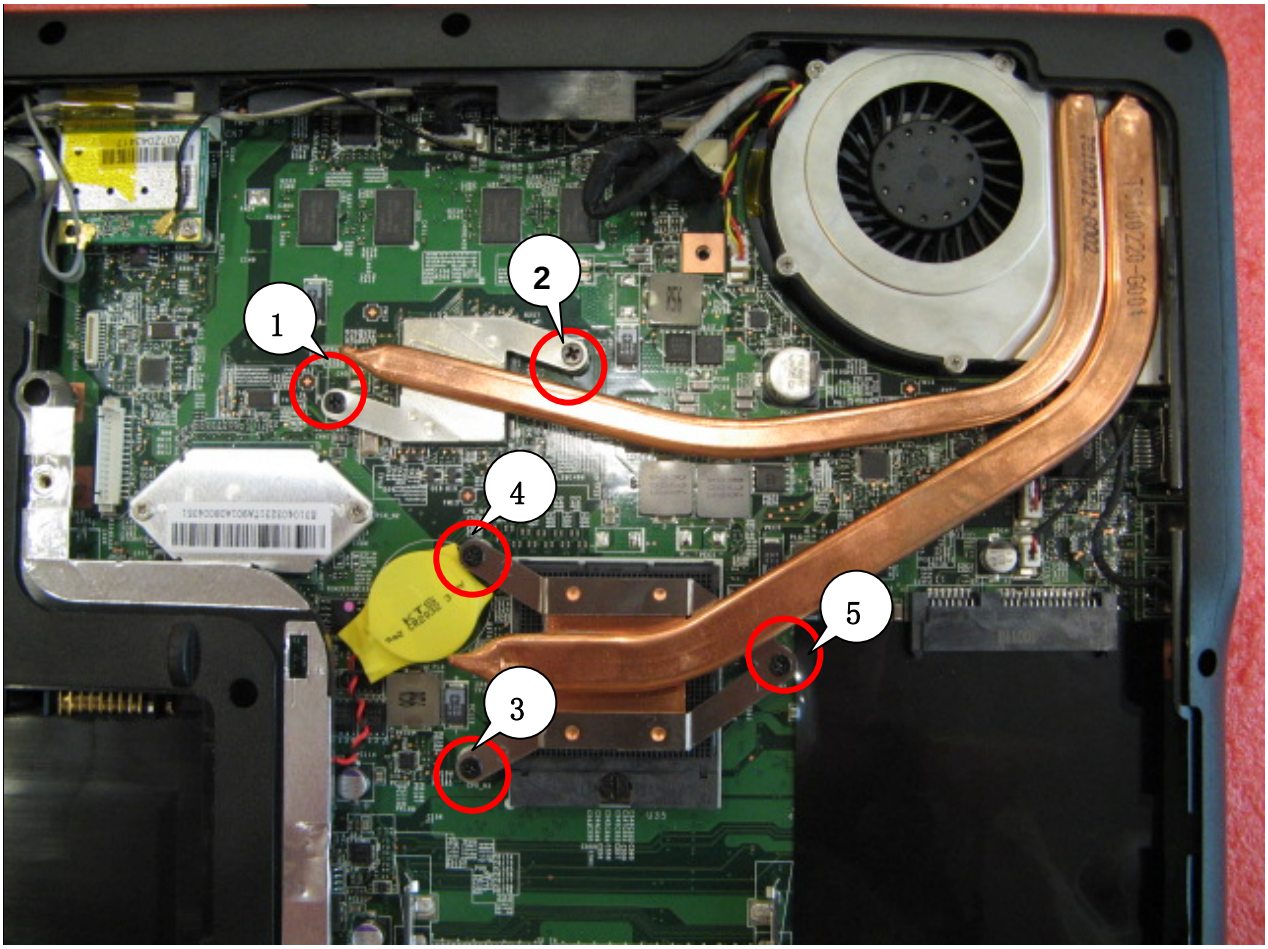
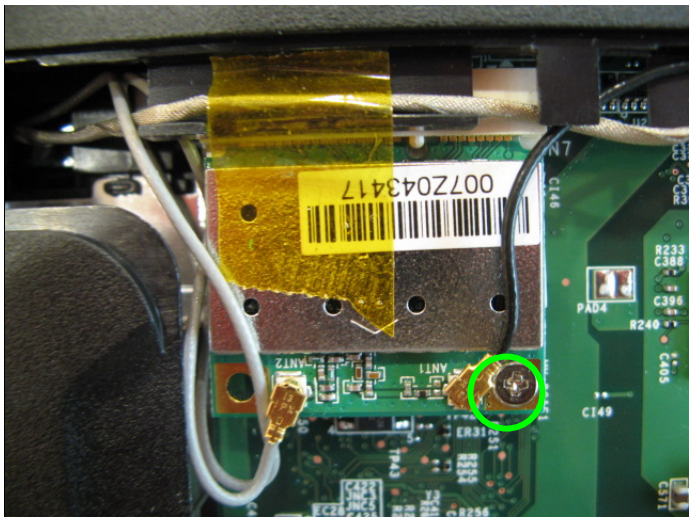


Photo	Screw specification	label
	(M2.5*L5MM) black	

CX623（MS-168A）screws specification

■ 3、WIRELESS CARD and HDD ASSY total 3pcs screws

■ specification：



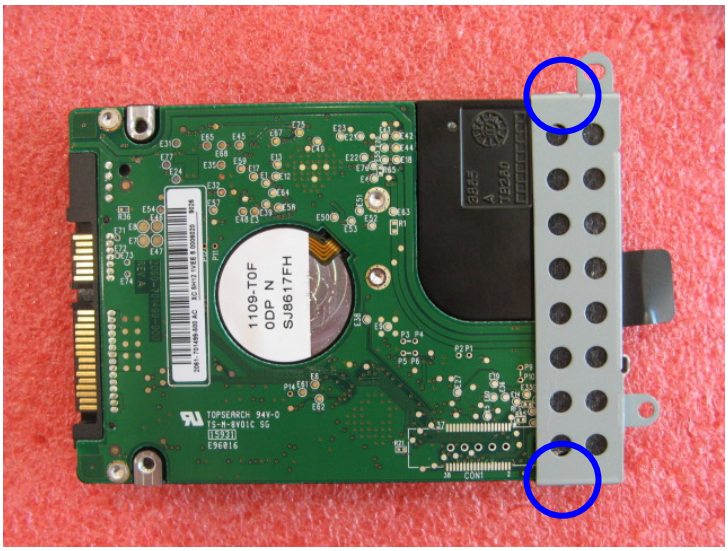
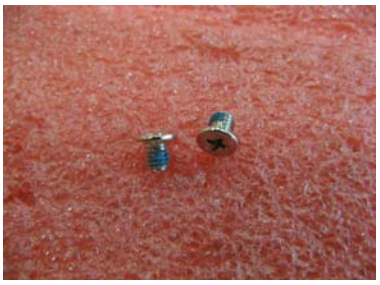
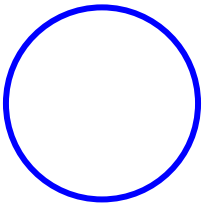
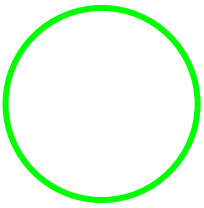
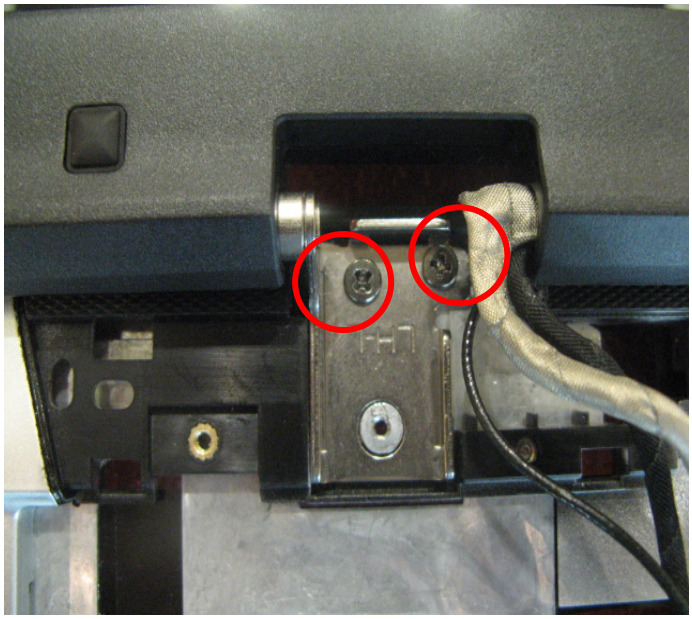


Photo	Screw specification	label
	(M3*L3.5MM) white	
	(M2*L3MM)white	

CX623（MS-168A）screws specification

■ 4、UPCASE ASSY total 4pcs screws

■ specification：



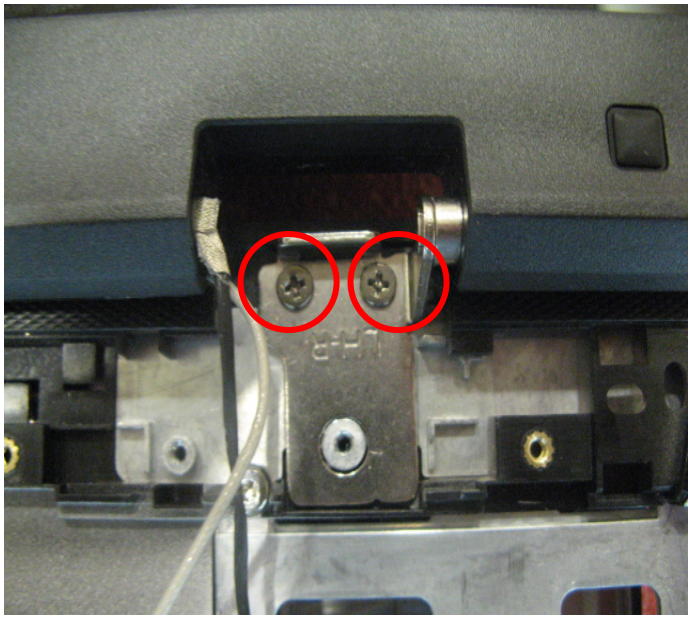


Photo	Screw specification	Label
	(M2.5*L5MM) black	

CX623（MS-168A）screws specification

■ 5、LCD BEZEL total 4pcs screws

■ specification：

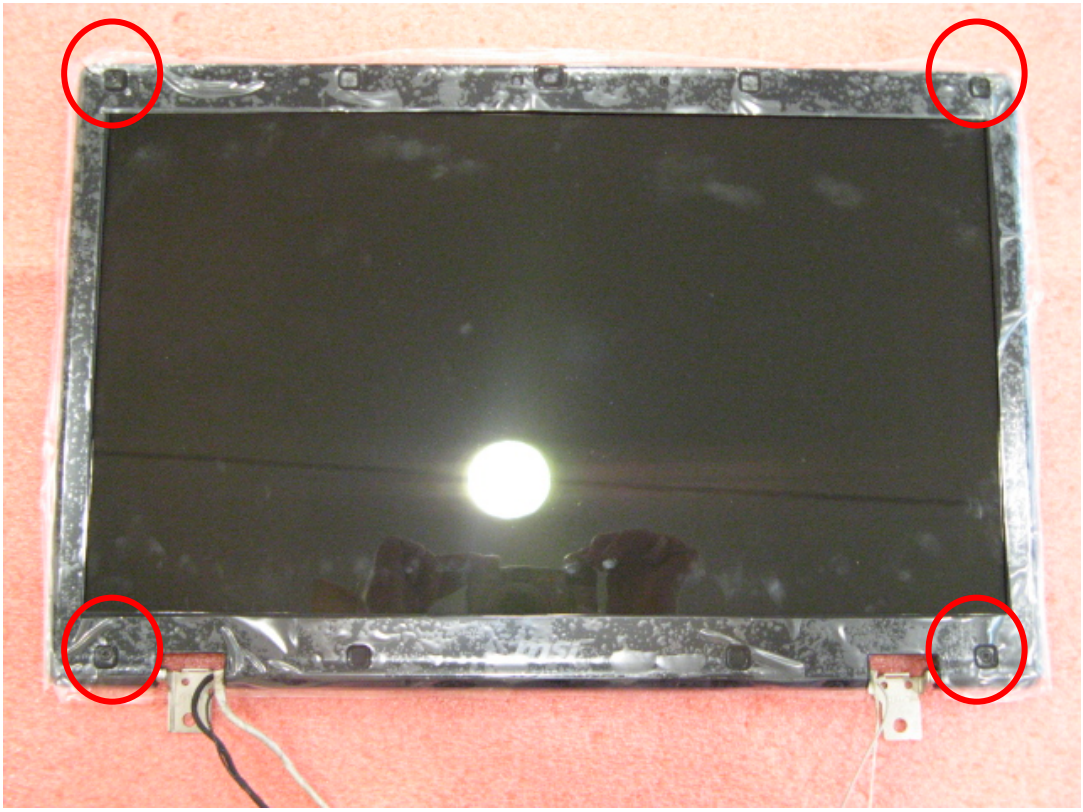
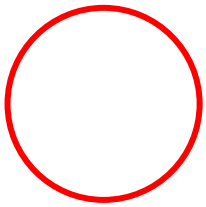
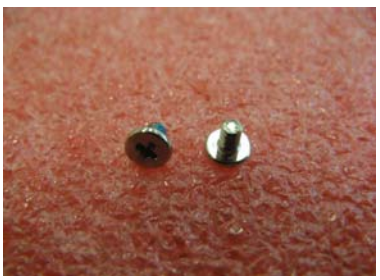
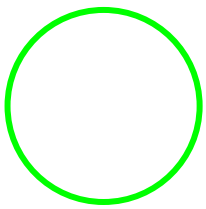


Photo	Screw specification	label
	(M2.5*L5MM) black	

CX623（MS-168A）screws specification

■ 6、LCD MODULE ASSY total 16pcs screws

■ specification：

Photo	Screw specification	label
	(M2.5*L5MM) black	
	(M2*L3MM)white	

CX623（MS-168A）screws specification

■ 7、NB total 1pcs screw

■ specification：

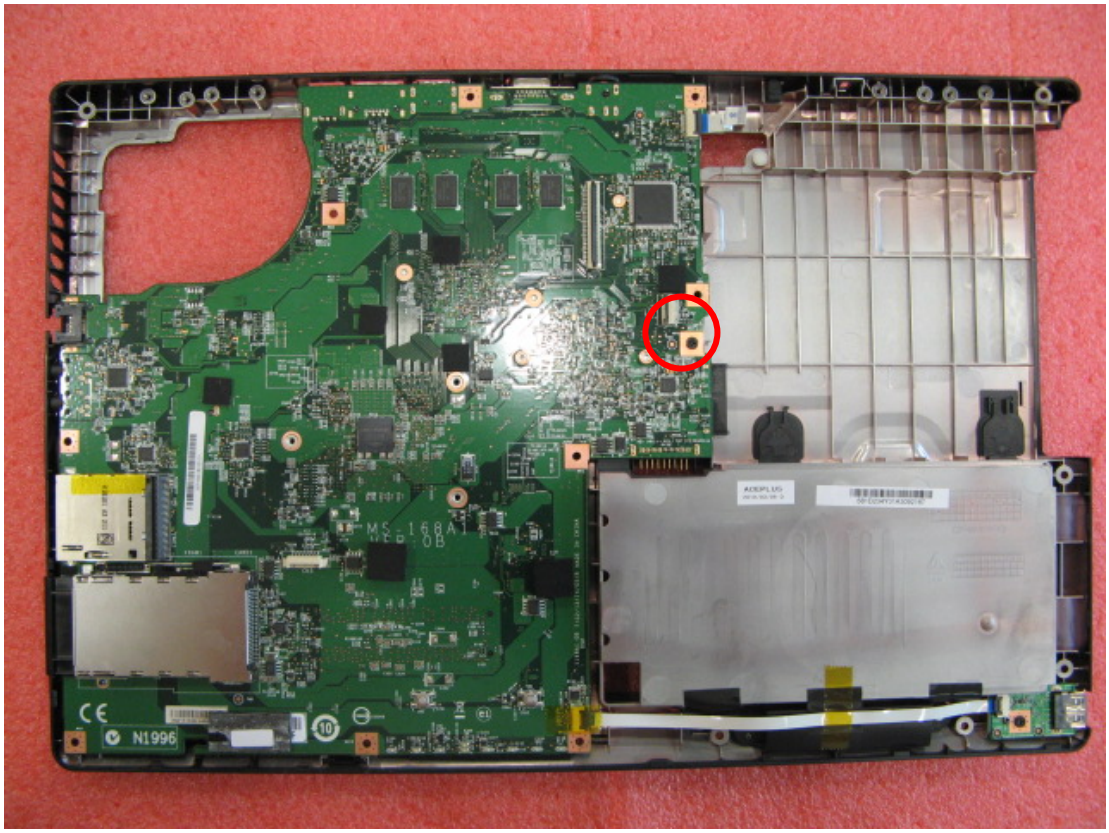
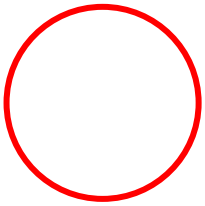


Photo	Screw specification	label
	(M2.5*L5MM) black	

CX623（MS-168A）screws specification

■ 8、LOWER CASE total 4pcs screws

■ specification：

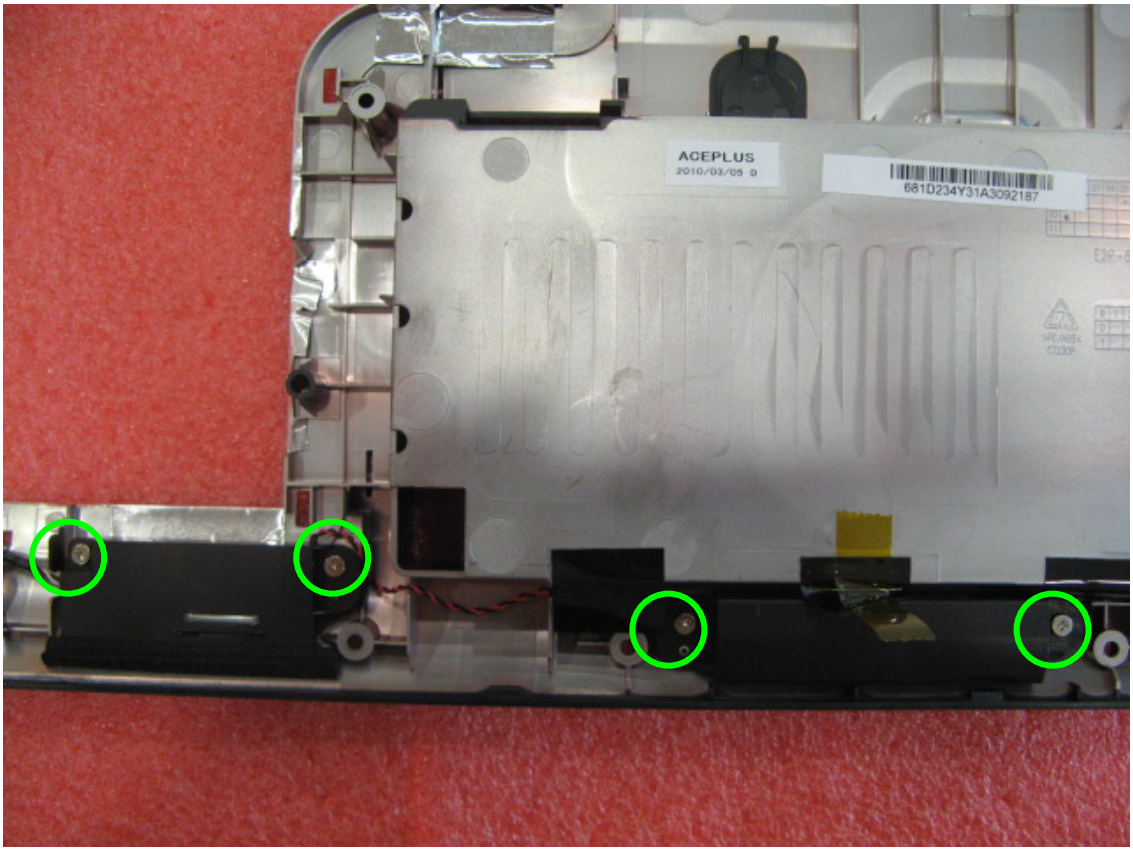
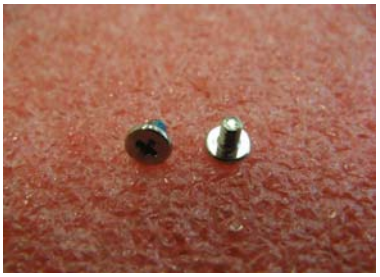


Photo	Screw specification	label
	(M2*L3MM)white